

IN THE CLAIMS

Please amend claim 11 and cancel claim 16 without prejudice or disclaimer as follows:

1-10. (Cancelled).

11. (Currently Amended): A liquid crystal display device, comprising:

a first substrate ;

a second substrate opposing the first substrate;

at least a sealant along a periphery of one of the first and second substrates;

a liquid crystal layer between the first and second substrates, the liquid crystal layer having a photo-reactant material and a liquid crystal material,

wherein the photo-reactant material and the liquid crystal material form a polymer network ~~[[and are mixed]]~~ without distinction of layer,

wherein the first substrate ~~[[include]]~~ includes two ~~[[electrode]]~~ electrodes in each pixel to supply an electric field in a horizontal direction between two electrodes to the liquid crystal layer,

wherein, when no voltage is applied across the two electrodes, the photo-reactant material and the liquid crystal interact and are aligned in a first direction and, when a voltage is applied across the two electrodes, the liquid crystal and photo-reactant material are arranged by the applied electric field in the horizontal direction, and

wherein, when the voltage is not applied across the two electrodes, the polymer network

increases a restoring force to restore the liquid crystal.

12. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet hardening sealant.

13. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet and thermo-hardening sealant.

14. (Original): The device according to claim 11, wherein the photo-reactant material includes one of a photo-reactive polymer and a photo-reactive oligomer.

15. (Original): The device according to claim 11, further comprising an alignment layer on at least one of the first and second substrates.

16. (Cancelled): ~~The device according to claim 11, wherein the second substrate includes a light-shielding layer, a color filter layer disposed on the light-shielding layer, and a common electrode on the color filter layer.~~

17. (Original): The device according to claim 11, further comprising a spacer on at least one of the first and second substrates.

18. (Previously Presented): The device according to claim 17, wherein the spacer includes a column spacer.

19-21. (Cancelled).

22. (Previously Presented): The device according to claim 11, wherein the photo-reactant material remains uncured.

23. (Cancelled).